



U.S. DEPARTMENT OF
ENERGY

Office of
Science

DOE Office of Science 2023 Summer Virtual Graduate School Fair

Participating Schools and Programs

The following graduate schools and programs will be represented at the DOE Office of Science 2023 Summer Virtual Graduate School Fair. Click the name of a school or program below to see their responses to an informational questionnaire.

NOTE: Certain programs will be offering an application fee waiver for those who chat with a representative at their booth during the event. These programs have an *. Restrictions may apply. Check with the individual program for more details.

- [Air Force Institute of Technology](#)
- [Arizona State University School of Mathematical and Statistical Sciences](#)
- [Clemson University College of Engineering, Computing & Applied Sciences](#)
- [Florida Institute of Technology \(Florida Tech\)*](#)
- [Great Lakes Bioenergy Research Center – University of Wisconsin-Madison and Michigan State University](#)
- [Hampton University Mathematics Graduate Program](#)
- [Indiana University Department of Physics](#)
- [Indiana University–Purdue University Indianapolis Department of Physics*](#)
- [Iowa State University College of Engineering](#)
- [Iowa State University Department of Civil, Construction and Environmental Engineering](#)
- [Iowa State University Department of Electrical and Computer Engineering](#)
- [Iowa State University Department of Materials Science and Engineering*](#)
- [Iowa State University Department of Physics and Astronomy*](#)
- [Jackson State University](#)
- [Michigan State University Department of Physics and Astronomy and Facility for Rare Isotope Beams*](#)
- [Michigan Tech Graduate School](#)

[Return to List of Schools](#)

- [New Mexico Tech*](#)
- [Ohio State University Chemistry and Biochemistry PhD Program*](#)
- [Rice University*](#)
- [San Diego State University Graduate Programs in Bioengineering, Computational Sciences and Physics](#)
- [San Diego State University Mechanical Engineering](#)
- [South Dakota School of Mines and Technology](#)
- [South Dakota School of Mines and Technology Materials Engineering and Science](#)
- [South Dakota School of Mines and Technology Physics Graduate Program](#)
- [Temple University Physics Department Graduate Program](#)
- [Tennessee Tech University College of Engineering and Computer Science](#)
- [University at Albany - The Graduate School](#)
- [University of California-Davis Chemical Engineering](#)
- [University of California-Davis Materials Science and Engineering](#)
- [University of Colorado Boulder](#)
- [University of Delaware*](#)
- [University of Memphis Department of Chemistry](#)
- [University of Miami College of Engineering](#)
- [University of Tennessee Health Science Center](#)
- [University of Tennessee-Oak Ridge Innovation Institute](#)
- [University of Wisconsin-Madison Department of Nuclear Engineering and Engineering Physics*](#)
- [University of Wisconsin-Madison Department of Physics](#)
- [University of Wisconsin-Madison Energy Analysis and Policy Graduate Certificate](#)
- [University of Wisconsin-Madison Robert M. La Follette School of Public Affairs*](#)
- [Vanderbilt University School of Engineering](#)
- [Virginia Tech Graduate School](#)
- [Yale University Physics Graduate Program*](#)

Air Force Institute of Technology

Location: Dayton, Ohio

Graduate-Level STEM Disciplines

Nuclear Engineering, Electrical Engineering, Physics, Materials Science, Aerospace Engineering, Atmospheric Science, Operations Research, Systems Engineering, Computer Science, Cybersecurity

Application/Selection Deadlines

Rolling application window

Scholarship/Fellowship Availability

N/A

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Defense-oriented

Will an application fee waiver be offered to attendees who visit this booth?

The opportunities at this booth do not have any application fees.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

Yes

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

--

Arizona State University School of Mathematical and Statistical Sciences

Location: Tempe, Arizona

Graduate-Level STEM Disciplines

- MS/PhD Statistics
- MA/PhD Mathematics
- PhD Mathematics Education
- PhD Applied Mathematics

[Return to List of Schools](#)

- MS Actuarial Science

Application/Selection Deadlines

- PhD (TA Support Consideration): December 10, 2023
- PhD (No TA Support): July 1, 2024
- MA: July 1, 2024
- MS: July 1, 2024

Scholarship/Fellowship Availability

PhD TA/RA Support: 85%

MA/MS TA/RA Support: 0%

What distinguishes your graduate school/program or the opportunities available through your organization from others?

The School of Mathematical and Statistical Sciences (SoMSS) in The College of Liberal Arts and Sciences at Arizona State University (ASU) offers advanced academic programs leading to the Doctor of Philosophy (PhD) degree. The PhD programs in SoMSS aim to prepare students for conducting independent research in mathematics while ensuring deep knowledge in the area of specialization and a breadth of knowledge in various areas of mathematics. The programs require core and elective coursework, qualifying courses or exams, a Comprehensive Exam, a prospectus proposal, a written dissertation, and an oral defense of the dissertation. The PhD degree is offered to exceptional students who have completed a Bachelor's or Master's degree in mathematics, or a closely related field. SoMSS has four PhD programs:

- Mathematics
- Applied Mathematics
- Statistics
- Mathematics Education

With grants from the National Science Foundation, Department of Defense, National Institutes of Health, National Security Agency and more, our faculty lead research in these four key areas.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree in mathematics, applied mathematics, economics, engineering or a natural science from a regionally accredited institution.

[Return to List of Schools](#)

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program

All applicants must submit:

- graduate admission application and application fee
- official transcripts
- statement of education and career goals
- resume
- three letters of recommendation
- proof of English proficiency

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency regardless of their current residency.

To demonstrate their competitiveness in an applicant pool, applicants must show evidence of coursework in linear algebra (equivalent to ASU course MAT 342 or MAT 343) and advanced calculus (equivalent to ASU course MAT 371). It is desirable that they have scientific programming skills.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

PhD Students that are admitted to the program and offered TA or RA 50% appointments are provided premium coverage for ASU individual health insurance coverage. In cooperation with Arizona Board of Regents and ASU Health Services, ASU offers an affordable top-tiered medical insurance policy to all students. This insurance provides access to the health and counseling services at any ASU Health Service location. The insurance plan is designed to provide group coverage to students that are currently uninsured, need a less expensive alternative or need an Arizona provider network. Students on the United Healthcare Student Resources are still required to receive their primary care through ASU Health Services and are required to obtain a referral to an off-campus provider. The Health Insurance office can be reached at 480-965-2411 or insurance@asu.edu to answer questions about this policy.

[Return to List of Schools](#)

Does your graduate school/program or organization cover student fees?

No. Student fees must be paid out of pocket each semester by students, even if receiving TA/RA stipend and tuition support. These fees range from \$400 - 500 per semester, per student.

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

ASU School of Mathematical and Statistical Sciences offers a Professional Development Seminar featuring alumni that present workshops on obtaining employment and thriving in their particular field of expertise.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. In addition to the opportunity to conduct research and submit published works independently or with faculty during enrollment, all PhD students publish their dissertation on ProQuest as part of their graduation requirement. All students are encouraged to publish works prior to dissertation defense.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Students presenting at conferences may apply for up to \$450 in travel support per presenting opportunity. In addition, there are multiple opportunities for travel funding through the ASU Graduate College and ASU GPSA to help absorb costs to present at conferences.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Historically we see 70 - 85% of graduating PhD students securing a position in their field of study prior to or upon graduation

--

Clemson University College of Engineering, Computing & Applied Sciences

Location: Clemson, South Carolina

Graduate-Level STEM Disciplines

Automotive Engineering, Bioengineering, Chemical & Biomolecular Engineering, Civil Engineering, School of Computing, Electrical & Computer Engineering, Engineering & Science Education, Environmental

[Return to List of Schools](#)

Engineering and Earth Sciences, Industrial Engineering, Materials Science & Engineering, Mechanical Engineering

Application/Selection Deadlines

Departments are different. We will offer information on STEM ALL IN (students can apply and attend the event) all expenses paid for 3 days on campus visiting labs of their choice. Will allow them opportunities to meet faculty, students and staff to support them.

Scholarship/Fellowship Availability

Most of our Ph.D. students are funded either by assistantships or fellowships. The majority of our MS students are self-funded.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Our STEM ALL IN program is an outstanding opportunity for students to learn about campus and all our programs.

Will an application fee waiver be offered to attendees who visit this booth?

The opportunities at this booth do not have any application fees.

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Grad360 is our in-house professional development program which is fantastic. We have an Aspire Peer mentoring program as well and other opportunities.

--

Florida Institute of Technology (Florida Tech)

Location: Melbourne, Florida

Graduate-Level STEM Disciplines

Computer Engineering & Science, Aerospace, Physics and Space Sciences, Biomedical and Chemical Engineering and Sciences, Mathematical Sciences, Mechanical and Civil Engineering, Ocean Engineering and Marine Sciences, etc. See all programs: <https://www.fit.edu/programs/>

Application/Selection Deadlines

Rolling admission

Scholarship/Fellowship Availability

[Return to List of Schools](#)

GSA or DGRATs awarded at the discretion of the department. If awarded, students are fully funded.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Pure STEM university located on Florida's Space Coast just south of the Kennedy Space Center and Cape Canaveral, located in the 4th largest high-tech corridor in North America.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Passion for a pure STEM hands-on research intense program

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

Only certain programs

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Yes. \$1,500/year or covered by GSA or DGRATs.

Does your graduate school/program or organization cover student fees?

Yes

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

They are available.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

>90%

--

Jackson State University

Location: Jackson, Mississippi

Graduate-Level STEM Disciplines

- Biology, M.S.
- Chemistry, M.S., Ph.D.
- Computational & Data Enabled Science & Engineering, Ph.D.
- Computer Science, M.S.
- Data Enabled Science & Engineering, M.S.
- Engineering, M.S., Ph.D.
- Environmental Science, Ph.D.
- Hazardous Materials Management, M.S.
- Mathematics, M.S.
- Technology Education, M.S.Ed.
- Urban and Regional Planning, M.A., Ph.D.

Application/Selection Deadlines

Priority Application Deadlines are October 15 for Spring Admission, March 1 for Fall Admission, and March 15 for Summer Admission. Many of our Master's level programs may offer extended deadlines.

Scholarship/Fellowship Availability

Our financial aid office will work with you to help you find the best funding options available. We offer financial aid options including:

- Scholarships: Scholarships are awarded based on academic merit or other criteria such as financial need.
- Assistantships: Assistantships are awarded to graduate students who work as teaching or research assistants.
- Loans: Federal and private loan options are available to graduate students.
- Tuition-waiver: Graduate students may be eligible for tuition-waiver.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Jackson State University houses 5 academic Colleges. Through those colleges we have a graduate student enrollment of around 2,000 students across 35 Master's programs, 1 Specialist program, 13 Doctoral programs, as well as several certificate programs. A fully online option is available for 17 of our Master's programs, the Specialist program, and 5 certificate programs.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We are looking for applicants with a 3.0 GPA or higher having earned a degree from a regionally accredited institution (transcripts required) and three great letters of recommendation. Materials required by individual departments may include official GRE (graduate record examination), GMAT (Graduate Management Admission Test), or MAT (Miller Analogies Test) scores. A professional resume/vitae, statement of purpose, and writing sample may also be requested.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

The GRE score is required for some but not all programs at this time.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

N/A

Does your graduate school/program or organization cover student fees?

No. Students are responsible for any student fees in addition to tuition while enrolled at Jackson State University.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

[Return to List of Schools](#)

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Students can apply for travel assistance for conferences where they may be presenting their graduate research.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

--

Great Lakes Bioenergy Research Center – University of Wisconsin-Madison and Michigan State University

Location: Madison, Wisconsin, and East Lansing, Michigan

Graduate-Level STEM Disciplines

The Great Lakes Bioenergy Research Center (GLBRC) is a cross-disciplinary research center led by the University of Wisconsin–Madison. With Michigan State University and other collaborators, GLBRC draws on the expertise of over 400 scientists, engineers, students, and staff to develop sustainable biofuels and bioproducts.

Created in 2007 by the U.S. Department of Energy, GLBRC focuses on three areas of research: sustainable bioenergy cropping systems, sustainable biomass conversion, and sustainable field-to-product optimization. Together, we are helping to replace petroleum-derived fuels and products and enable a new generation of biorefineries.

Our mission is to generate the knowledge needed to sustainably produce specialty biofuels and bioproducts from lignocellulosic bioenergy crops grown on bioenergy lands.

Our center relies on the use of diverse and complementary scientific strategies to address these challenges. Our researchers provide a vast array of scientific expertise in the fields of plant biology, biochemistry and molecular biology, microbiology, bacteriology, chemistry, soil sciences, biological engineering, genetics, synthetic biology, ecology, environmental sciences, computer sciences, systems biology, chemical engineering, and much more to address current global energy challenges.

Application/Selection Deadlines

GLBRC researchers will be recruiting graduate students on the campuses of the University of Wisconsin-Madison and Michigan State University. The graduate programs of interest affiliated with GLBRC labs are as follows:

UW-Madison: Microbiology Doctoral Training Program, Genetics Training Program, Chemical and Biological Engineering Program, Chemistry Program, Graduate Program in Cellular and Molecular

[Return to List of Schools](#)

Biology, Botany, Integrative Biology, Biophysics, Integrated Program in Biochemistry, Environment & Resources PhD - Nelson Institute for Environmental Studies.

Michigan State University: Biochemistry and Molecular Biology Program, BioMolecular Sciences Gateway, Biomedical Sciences Program, Molecular Plant Sciences Program, Genetics and Genome Sciences Program, Cellular and Molecular Biology Program, Pharmacology and Toxicology Program.

Each program has a defined set of requirements and deadlines to apply.

Interested candidates should visit the websites of the Graduate School at UW-Madison (<https://grad.wisc.edu/>) and the Graduate School at Michigan State University (<https://grad.msu.edu/>).

Scholarship/Fellowship Availability

N/A

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Since its inception in 2007, GLBRC has conducted foundational research on biofuels. Our scientists and engineers have produced more than 1,700 scientific publications, 260 patent applications, 113 licenses or options, and five start-up companies.

GLBRC research is collaborative, integrated, and rich in partnerships with industry. Our diverse experts work together to overcome the barriers to producing sustainable biofuels and bioproducts. At GLBRC, we work with companies and licensing agents to ensure that our research anticipates and enables commercialization and creates new economic opportunities for biorefiners, farmers, and rural communities.

Additionally, GLBRC strives to provide a holistic and well-rounded experience to its graduate students, as we recognize the importance of supporting their professional development needs to ensure their successful transition to the career of their choosing. To complement the scientific training received in their lab, students at GLBRC can expect to attend and present at scientific research symposiums and/or conferences, access cross-discipline research environments and training opportunities within GLBRC and across other Bioenergy Research Centers, benefit from integrated career and professional development support, and outreach and Community Engagement opportunities.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We seek motivated candidates, interested in contributing to the bioenergy workforce to promote a more sustainable energy landscape globally.

[Return to List of Schools](#)

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Graduate students will benefit from career and professional development opportunities offered by their Graduate School and Graduate Program.

Additionally, GLBRC strives to support graduate students with mentoring, DEI resources, and advising resources. Our Training Coordinator is working closely with all our members to ensure GLBRC is an inclusive and equitable environment for all.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

--

Hampton University Mathematics Graduate Program

Location: Hampton, Virginia

Graduate-Level STEM Disciplines

Applied Mathematics

Application/Selection Deadlines

June 1 for the Fall semester, November 15 for the Spring semester and April 15 for the Summer semester.

Scholarship/Fellowship Availability

There are merit-based scholarships for first-year graduate students. There are also character scholarships, legacy scholarships and need-based scholarships offered by the Office of Financial Aid and Scholarships.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Our graduate program offers opportunities for incoming graduate students to take applied mathematics courses and directly move to a doctoral program or get employment at higher paying workplaces where applied mathematics is highly desired by government offices or research agencies.

Will an application fee waiver be offered to attendees who visit this booth?

The opportunities at this program do not have any application fees.

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We seek graduate students who are disciplined to carry the higher standard scholarly work of a graduate study and who meet the academic requirements to be admitted to our graduate program.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

Except for Doctor of Physical Therapy applicants, GRE score is waived for all applicants.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance for students will be included in the financial aid packet they receive.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Our program encourages graduate students to present their research results in departmental or local/national professional meetings and promote their research activities and findings.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. Students can make their research findings be submitted to a scientific journal.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Graduate student can get a loan to support his/her participation in conferences, travel costs and boarding.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Graduate students who complete their studies get immediate employment upon completing their studies.

--

Indiana University Department of Physics

Location: Bloomington, Indiana

Graduate-Level STEM Disciplines

Physics, Astrophysics, and related sub disciplines of physics (AMO, Bio, Condensed Matter, Nuclear, Quantum Information, and Particle, both Experimental and Theoretical for all)

Application/Selection Deadlines

January 1 is application deadline for full consideration

Most applicants typically receive a response by mid-February if admitted.

Scholarship/Fellowship Availability

100% supported - 30% GTA, 60% GRA, 10% fellowship

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Indiana's physics program does top-tier research, with several centers cultivating interdisciplinary interactions both within physics and extending across STEM disciplines. We place a strong emphasis on supporting a collegial and inclusive community; we want everyone to succeed in our program, and our admissions process is an endorsement of our belief you will be supported and successful on your way to a PhD. We appreciate the value of increasing public appreciation for the importance of science to our society.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We look for students who are seeking a world-class institution to perform cutting edge research. We are proud of both the specific strengths of our department, and also the breadth of study.

[Return to List of Schools](#)

We highly value the community in our department. Students are supported with the intention of everyone succeeding and being built up. Applicants looking for a positive departmental culture should consider Indiana.

We also look for individuals who are seeking to make a positive impact. We recognize our duty to share our work and elevate the community and society within which we exist.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No. GRE scores may be submitted, and will be considered if provided. All applications will be given full consideration, regardless of availability GRE scores. Only official ETS reports can be used in admissions decisions.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is provided and is fully subsidized.

Does your graduate school/program or organization cover student fees?

Yes

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Programming available through the Walter Center for Career Achievement targeted at job/career placement.

Programming available through the Center for Integrated Teaching & Learning targeted at improved instructional pedagogy.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

[Return to List of Schools](#)

Travel support typically available from the research group. University fellowships also available with travel support.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

37% career research, 37% postdoctoral research, 10% industry/business, 7% non-tenure track faculty, 9% other.

--

Indiana University–Purdue University Indianapolis Department of Physics

Location: Indianapolis, Indiana

Graduate-Level STEM Disciplines

Physics

Application/Selection Deadlines

January 15 for Fall start.

July 15 for Spring start.

Scholarship/Fellowship Availability

Teaching Assistantship which includes tuition.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

We are an urban campus.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Students should indicate an interest in the research areas in our department.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

[Return to List of Schools](#)

No. GRE not required but scores can be submitted and will be considered in the review.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Insurance is covered for TAs.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Physics faculty have ongoing collaborations with national research institutes such as Argonne National Lab and Oak Ridge National Lab.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Travel support is based on mentor funding.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

--

Iowa State University College of Engineering

Location: Ames, Iowa

Graduate-Level STEM Disciplines

- Aerospace Engineering
- Agricultural and Biosystems Engineering
- Chemical and Biological Engineering

[Return to List of Schools](#)

- Civil, Construction and Environmental Engineering
- Electrical and Computer Engineering
- Industrial and Manufacturing Systems Engineering
- Materials Science and Engineering
- Mechanical Engineering

Application/Selection Deadlines

January 15 for following fall admission; September 1 for following spring admission

Scholarship/Fellowship Availability

Around 70% of our graduate students are funded in some manner.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Ames National Laboratory is located right on our campus. We have dozens of interdepartmental graduate programs allowing students to major in things like Cyber Security, Energy Systems, Human-Computer Interaction and Transportation to name a few. Programs on campus cultivate student entrepreneurs, intrapreneurs and change-makers. Ames, IA is centrally located within the United States and consistently ranks among the best college towns. We offer big-city arts and culture with small-town safety and charm.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Research fit with faculty within the program.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No. GRE is optional.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

[Return to List of Schools](#)

GAs on an appointment at least three months during a semester receive single-student health insurance coverage, which includes a prescription drug plan at no charge (additional coverage for a spouse, children, and dental is available for additional premiums). Visit <https://sship.hr.iastate.edu> for information on how to enroll, costs, and specific plan information.

Does your graduate school/program or organization cover student fees?

No. GAs are assessed half of the required computer fee for the academic year. Faculty have the option to cover a student's fees based on that faculty members available funding.

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

- Graduate Career Services, both at Graduate College and in academic college; Center for Communication Excellence (CCE)
- Preparing Future Faculty (PFF) program thru Center for Excellence in Learning and Teaching (CELT)
- Center for LGBTQIA+ Student Success
- Food & Rental Assistance
- Student Counseling Services
- Student Accessibility Services
- Student Legal Services
- Student Organizations & Clubs - nearly 100 for graduate students alone see the full list at <https://www.stuorg.iastate.edu>

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

The Graduate and Professional Student Senate offer a Professional Advancement Grant (PAG) that students can apply for, and some programs match the funding from the PAG. Faculty will also budget for conference travel in their grants so that students can present their research.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Anecdotally we know that nearly all graduate students are employed within 6 months of graduation; however, so few complete the graduation survey that we do not have statistically significant data to back up what our students are telling us.

--

Iowa State University Department of Civil, Construction and Environmental Engineering

Location: Ames, Iowa

Graduate-Level STEM Disciplines

- Civil Engineering, which includes the focus areas of:
 - Civil Engineering Materials
 - Construction Engineering & Management
 - Environmental Engineering
 - Geotechnical Engineering
 - Intelligent Infrastructure Engineering (MS. PHD only)
 - Structural Engineering
 - Transportation Engineering
 - Water Resources Engineering

Degree Programs Include:

- Master of Engineering (coursework only)
- Master of Science (thesis or non-thesis)
- Doctor of Philosophy (PhD)

Application/Selection Deadlines

CCEE accepts applications at any time; however, the following deadlines do apply:

- Preapplication deadline for first consideration for assistantships for on-campus programs (MS and PhD applicants only):
 - December 15, for fall semester of the following year.
 - August 15, for the next spring semester.
- Preapplication deadline for Master of Engineering (on-campus or online):
 - June 1 for Fall Semester
 - October 1 for Spring semester

Scholarship/Fellowship Availability

Scholarship & Fellowship consideration is based on application materials. Students do not need to find an advisor prior to applying.

CCEE Funding Webpage: <https://www.ccee.iastate.edu/graduate-student-funding/>

What distinguishes your graduate school/program or the opportunities available through your organization from others?

- 1) CCEE offers 8 different areas of specialization.
- 2) Students do not need to secure an advisor before applying.
- 3) CCEE does offer application fee coupon codes to students with excellent GPA's (3.5/4.0 or higher), based on submitted transcripts.
- 4) Graduate students have great resources at ISU for career development.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

In general:

- 1) Passion for engineering and their chosen area of focus.
- 2) High performance in prior academic degree(s) and work experience(s).

Other preferred characteristics are based on faculty preference as related to the types of projects they will hire grad students for.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Students on assistantship will receive single health insurance as a benefit. Students not on assistantship will be enrolled in health insurance at their cost.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Professional development in CCEE:

- 1) Student chapters of ASCE and other professional organizations.
- 2) Travel to conferences to present research/posters.
- 3) CCEE Grad Student Council - professional and social events.

ISU Opportunities:

- 1) College of Engineering Career Services (career fairs, job postings)
- 2) Graduate College Career Services (resume writing, interview coaching)
- 3) Center for Communication Excellence: (thesis/dissertation writing workshops, writing consultants, Preparing Future Faculty series)

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. Students have opportunities to co-author papers based on the research they are doing with their major professor. ISU does have a publication-option dissertation.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

The CCEE department has a travel scholarship that students can apply for. Sometimes faculty help pay for travel expenses (depends on situation).

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

--

Iowa State University Department of Electrical and Computer Engineering

Location: Ames, Iowa

Graduate-Level STEM Disciplines

Electrical Engineering and Computer Engineering

Application/Selection Deadlines

Our graduate admission process is ongoing throughout the year.

Scholarship/Fellowship Availability

[Return to List of Schools](#)

Almost all our newly admitted Ph.D. students are fully supported either by GTA or GRA or their combination.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

We offer a balanced, affordable graduate study opportunity for both domestic and international students.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Academic readiness and research experience

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program or organization cover student fees?

No

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

--

Iowa State University Department of Materials Science and Engineering

Location: Ames, Iowa

Graduate-Level STEM Disciplines

Materials Science and Engineering

Application/Selection Deadlines

Application deadlines: Feb. 1 (Fall admission), Nov. 1 (Spring admission)

Scholarship/Fellowship Availability

~ 100% GRA for Ph.D. and M.S. students

Full tuition scholarship for Ph.D. students

50% tuition scholarship for M.S. students

(Tuition assessed as in-state for all students on GRA)

What distinguishes your graduate school/program or the opportunities available through your organization from others?

- The MSE Graduate Program offers four degree options (Ph.D., MS-Research Thesis, MS-Research Portfolio, and M. Eng.-coursework only).
- Iowa State offers Graduate Certificates in a broad spectrum of related areas, such as Advanced Manufacturing, Forensic Sciences, Nondestructive Evaluation, Energy Systems Engineering, Biochemistry, Environmental Engineering, Graduate Student Teaching, Power Systems Engineering, and Systems Engineering.
- The Materials Science and Engineering Department at Iowa State is closely affiliated with Ames Laboratory, a U.S. Department of Energy National Laboratory.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We are looking for high-integrity individuals who value learning and respect the process of scholarly research.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

No

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

[Return to List of Schools](#)

Health insurance is offered. See our Graduate College website (<https://www.grad-college.iastate.edu/resources/health>) for the most current details.

Does your graduate school/program or organization cover student fees?

No

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

--

Iowa State University Department of Physics and Astronomy

Location: Ames, Iowa

Graduate-Level STEM Disciplines

Physics and Astronomy: Astronomy/astrophysics, biophysics, condensed matter physics, high energy physics, nuclear physics

Application/Selection Deadlines

Applications are due January 15th.

If you would like to request a fee waiver, please apply by November 1st.

Scholarship/Fellowship Availability

All admitted students are fully supported, initially through graduate teaching assistantships for the first one or two years, then through graduate research assistantships for the remainder of their time.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Iowa State University has a diverse graduate program with strong research opportunities in both theoretical and experimental physics and astronomy, and a long history of interactions with different DOE national labs. The Ames National Laboratory is located on campus and most condensed matter professors are also Ames Lab researchers, which makes for a uniquely collaborative condensed matter graduate program. Our nuclear experimental professors are heavily involved in experiments at Brookhaven National Lab, both RHIC and the upcoming EIC; and our high energy experimental professors are involved in DUNE/ANNIE neutrino collaborations at Fermilab, as well as collider

[Return to List of Schools](#)

experiments at Belle II in Japan. We also have active research areas in nuclear theory (quantum chromodynamics), biophysics/soft matter and astronomy/astrophysics.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Strong research capacity, as indicated by grades and previous research experience.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

No

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Yes

Does your graduate school/program or organization cover student fees?

Yes

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Many students travel to conferences to present their research, as supported by their research advisors.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

[Return to List of Schools](#)

Many of our alumni go on to postdoctoral positions, and some have gone on to faculty positions at places like Rice, University of Michigan and UCLA. Others take the technical skills learned in their graduate work into industry, finance or technology companies, including Amazon and Google.

--

Michigan State University Department of Physics and Astronomy and Facility for Rare Isotope Beams

Location: East Lansing, Michigan

Graduate-Level STEM Disciplines

Nuclear physics, high energy physics, accelerator physics, condensed matter physics, quantum information science, astronomy and astrophysics, biophysics, physics education research. All are at the Ph.D. level, except that for accelerator science, we also have a master's program.

Application/Selection Deadlines

Application Deadline: January 1st, 2024

Selection Deadline: flexible, but most offers are made in January/Early February. We do make offer through the Spring semester.

Scholarship/Fellowship Availability

About 75% of the first-year students are teaching assistants and 25% have a fellowship. Students on average are TA for 2-3 semesters. In any given year, on average ~15% of students are TA, ~15% are on fellowships, and 70% are on research assistantships.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

In the past few years, we have made significant changes to the graduate program. We made the review of the applications much more holistic and consider a wide variety of aspects. While academics and research experiences remain important elements, we focus also on research interests, match to our program, leadership and community experiences, records of overcoming obstacles, and other broader aspects that are also important for thriving in graduate school. We have no sharp cut-off GPA and submission of GRE scores is voluntary.

The program itself was also changed significantly: The primary goal of the changes was to ensure that students with different backgrounds, and different learning and assessment strengths and weaknesses can thrive in the Ph.D. program. The mentoring structures for students were enhanced and more support is provided for the initial course-intensive period of the Ph.D. program, for example through an exam helpdesk. The core graduate courses are now more interactive and the path towards candidacy provides flexibility. Overall, there is more emphasis on learning through research activities and

[Return to List of Schools](#)

somewhat less emphasis on learning through formal course work. We have also removed the placement/qualifying exam and provide individualized guidance for initial coursework based on coursework taken at the undergraduate level and an advising conversation with each student.

See also:

<https://pa.msu.edu/graduate-program/prospective-grad-students/index.aspx>

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Strong potential for success in graduate school on the basis of a broad assessments of skills, experiences, and qualifications. We have a holistic review process and appreciate that students with very different backgrounds and paths towards graduate school can be successful.

Personal Statement

- Leadership experiences and other experiences that demonstrate your potential for distinctive professional or scholarly contributions. Such experiences can be academic, community-focused, or professional,
- Contributions to a diverse (educational) community: these could relate to your personal history and experiences, research goals, and/or the promotion of understanding among persons of different backgrounds and ideas
- Record of overcoming obstacles: these could be social, economic, personal. Examples include being the first person in your family to attend college and graduate school. or overcoming financial, personal, or other hurdles to pursue your education

Academic Statement

- Motivate the subfield(s) you wish to focus on in graduate school (accelerator science and engineering, condensed matter physics, nuclear physics, high-energy physics, physics education research, biophysics, astrophysics, astronomy, or other) Are you interested in theoretical research or experimental research, or both? Are you interested in computational aspects of research?
- How are your research interests related to opportunities in the Department of Physics and Astronomy at MSU? Motivate which research groups you are interested in working in? Be specific, but do not limit

yourself to the research group of one faculty member. You want to show you have really thought about this, but not constrain yourself to one group which might not have many openings in a given year.

- What are your research experiences? Included duration and type (e.g. REU) of experience and include products (a paper, presentations/posters, report, etc.). How have these experiences shaped your decision to apply to MSU? If you do not have many research experiences, explain what has shaped your decision to apply to MSU and perhaps why it was hard to perform research.

- What is your overall academic record? Since you will submit your transcripts, you do not have to give detailed information about grades and GPA, but you can certainly highlight specific accomplishments (awards, prizes, fellowships) or explanations of your academic record.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is covered.

Does your graduate school/program or organization cover student fees?

Yes

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

We have a wide range of professional and career development opportunities that depend on the research direction chosen by the student, and which includes attending conferences, workshops, and schools related to the field of research.

In addition, the Department, and the MSU Graduate School host a variety of activities in support of career development.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. Although not a requirement, almost all students have several publications by the time they complete their Ph.D.

[Return to List of Schools](#)

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Students typically travel to conferences with funding support from research grants, but the university also has several resources to supplement, if necessary.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

About 47% of our students enter for-profit organizations, 35% are in academia, and 14% are in governmental institutions, with National Laboratories being an important track. 4% of the students are in non-profit or other organizations. More details at: <https://pa.msu.edu/graduate-program/careers-of-alumni.aspx>.

--

Michigan Tech Graduate School

Location: Houghton, Michigan

Graduate-Level STEM Disciplines

A full list of our programs can be found here at the following link:
<https://www.mtu.edu/gradschool/programs/degrees/>.

Application/Selection Deadlines

Admissions decisions are made on a rolling basis with recommended deadlines.

Scholarship/Fellowship Availability

Funding decisions are made by the individual departments during the review process. Funding at the master's level is rare with options at the PhD level if an applicant is on campus. We do not generally fund online students. We also offer a tuition reduction for those that are former or current military, returned Peace Corps, or AmeriCorps members.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

We have a rigorous curriculum with small class sizes and faculty that are working in numerous fields with a large amount of interdisciplinary research available.

Will an application fee waiver be offered to attendees who visit this booth?

[Return to List of Schools](#)

The opportunities at this booth do not have any application fees.

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We are looking for driven applicants with strong academic background or work experience.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

GRE is required depending on the program of study. Many programs are waiving it or not requiring it, but applicants would need to reach out to us for further information.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

We do have a health insurance option for the Graduate Students. Self-supported students are responsible for the cost of their health insurance or have it waived if they have it. Supported students with full tuition and stipend would have the health insurance cost covered by their department.

Does your graduate school/program or organization cover student fees?

No. Student fees are the responsibility of the student regardless of being supported or not.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Our Graduate Student Government does offer support for students to travel to conferences.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

[Return to List of Schools](#)

Michigan Tech offers 2 career fairs a year with over 400 companies coming to recruit students. Placement rate at Michigan Tech is 92% within 6 months of graduation.

--

New Mexico Tech

Location: Socorro, New Mexico

Graduate-Level STEM Disciplines

New Mexico Tech (NMT) is a STEM university with 25 MS and 13 PhD programs.

Application/Selection Deadlines

January 15th for Fall admission

Scholarship/Fellowship Availability

52% RA's 48% TA's

What distinguishes your graduate school/program or the opportunities available through your organization from others?

\$70M+/year research expenditure, which is very significant for a small sized university of 100 faculty. Specialized facilities that allow for unique research.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Motivated, hard-working, and independent students with interest in STEM.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

Yes. Several departments do not require the GRE.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

[Return to List of Schools](#)

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

No

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Several options are available through the Graduate Student Association.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

There are travel funds available through the Graduate Student Association as well as support from the individual faculty.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

--

Ohio State University Chemistry and Biochemistry PhD Program

Location: Columbus, Ohio

Graduate-Level STEM Disciplines

Chemistry and Biochemistry

Application/Selection Deadlines

December 1st deadline

Scholarship/Fellowship Availability

All students are on either GTA or GRA and do not pay tuition. Across the program roughly 50% of our students are on GRA and 50% on GTA.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

The Department of Chemistry and Biochemistry at Ohio State University is a national leader in research and education. Our vast resources, cutting-edge facilities, and outstanding faculty make us THE launching point for your scientific career.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We take a holistic approach to the application review processing, considering coursework, past research experience, letters of recommendation, CV/Resume, and personal statement.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

The cost of health insurance is covered completely.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

We consistently host recruitment days with high profile employers both virtually and on campus. Planned visits in the next month include Corteva, AbbVie, and DOW who all take interviews for positions while on campus.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

[Return to List of Schools](#)

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

We offer a student travel award to all of our students, as well as funding to attend conferences such as NOBCChE. Research labs typically cover conference costs as well on a case by case basis.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

80% industry, 15% academia and 5% other related field.

--

Rice University

Location: Houston, Texas

Graduate-Level STEM Disciplines

Applied Chemical Science; Applied Physics; Biochemistry & Cell Biology; Bioengineering; Bioscience & Health Policy; Chemical and Biomolecular Engineering; Chemistry; Civil and Environmental Engineering; Computational Applied Mathematics and Operations Research; Computer Science; Data Science; Earth, Environmental & Planetary Sciences; Ecology & Evolutionary Biology; Electrical and Computer Engineering; Energy Geoscience; Engineering Management and Leadership; Environmental Analysis; Industrial Engineering; Materials Science and NanoEngineering; Mathematics; Mechanical Engineering; Systems, Synthetic & Physical Biology; Physics & Astronomy; Science Teaching; Space Studies

Application/Selection Deadlines

Generally, applications will open on or around Sept. 1 for fall 2024 admissions for all graduate programs. Deadlines vary by program but begin in late November and continue through January. All Ph.D. programs at Rice are Fully-Funded - you will be awarded a tuition waiver and a stipend of \$32,000/12 months. No separate application for this funding is needed.

Scholarship/Fellowship Availability

All Ph.D. STEM students at Rice are fully-funded - 100% on department fellowship the first year, and funding is guaranteed through the fifth year. Insurance is also subsidized - 80%.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Rice is uniquely collaborative - our small size means unparalleled access to faculty and to research opportunities. We are in a beautiful setting in the heart of the fourth-largest U.S. city, and the most diverse. We have close ties to industry - Houston is the Energy Capital of the world, home to NASA Johnson Space Center, and the World's Largest Medical Center - the Texas Medical Center.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We are looking for passionate, driven individuals who are innately curious about our world and seek to further our understanding of it or develop new tools, methodologies, and technologies to help humanity and its challenges.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No. Generally, the GRE is not required, though some programs may suggest submitting scores.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Yes, health insurance is available. Doctoral students accepted to Rice receive an insurance subsidy of 80%.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Rice is home to the Doerr Institute for New Leaders. This campus institute provides professional quality leadership development to all students at Rice at no cost. We are home to the Liu Idea Lab for Innovation & Entrepreneurship (LILIE) which equips Rice students with both entrepreneurial skills and the entrepreneurial mindset to prepare them to be entrepreneurs and innovators in whatever industry they choose, be it a technology startup, government, civic group, non-profit, small business, or large corporation. They host pitch competitions, venture development workshops, and provide coaching to students with an entrepreneurial mindset.

[Return to List of Schools](#)

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Departments will provide professional development funding for conference travel. Students can apply via their home department.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

--

San Diego State University Graduate Programs in Bioengineering, Computational Sciences and Physics

Location: San Diego, California

Graduate-Level STEM Disciplines

Applied Math, Physics, Chemistry, Computational Science, Engineering, Biology, Data Science

Application/Selection Deadlines

Dec. 15 for PhD Bioengineering, Jan. 15 for PhD in Computational Sciences, Feb. 15 for MS programs

Scholarship/Fellowship Availability

PhD students will receive competitive stipends, health benefits and full tuition support. There are limited TA and RA positions available for MS students in their respective programs. Additionally, all graduate students are encouraged to apply for several competitive campus-wide fellowship/scholarship opportunities. <https://grad.sdsu.edu/financial-support>

What distinguishes your graduate school/program or the opportunities available through your organization from others?

San Diego State University (SDSU) is high research activity, Minority Serving Institution located in one of the best cities in the country. San Diego State University is distinguished for its commitment to diversity and inclusion throughout the campus community, academic programs and administration.

SDSU is the flagship research institution of the 23-campus California State University system. In 2022-23, SDSU researchers brought in \$164.5 million in grants and contracts.

[Return to List of Schools](#)

The SDSU PhD in Computational Sciences and PhD in Bioengineering are joint doctoral programs with UC Irvine and UC San Diego respectively. These programs allow students access to mentorship, collaboration, research infrastructure and learning resources at both SDSU and the respective partnering institution. The students are held to highest standards of research and scholarship and expected to publish multiple research manuscripts during the pursuit of their doctoral degrees.

The MS programs at SDSU involve students in innovation, research, and creative activities under the direct mentorship of a faculty advisor, culminating in a thesis or project report that is expected to be of the highest quality for the field.

Will an application fee waiver be offered to attendees who visit this booth?

No

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No. The MS in Physics program may require a GRE for the Fall 2024 application cycle.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is available to graduate students through SDSU. Additional information can be found here - <https://grad.sdsu.edu/current-students/insurance>.

Does your graduate school/program or organization cover student fees?

PhD Programs cover student fees. MS programs do not.

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

SDSU offers several professional development opportunities. Some examples are -

- 1) SDSU Professional Development Academy - <https://sacd.sdsu.edu/gradlife/events/professional-development>
- 2) Computational Sciences Industry-Academia Partnership Event - ACSESS
- 3) SDSU Student Research Symposium
- 4) Professional Development Courses through individual departments

[Return to List of Schools](#)

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. Publications are encouraged for MS programs and a requirement for the PhD programs.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Beyond travel funds through funded research, SDSU also provides travel funds for graduate students to travel to research and professional development conferences - <https://grad.sdsu.edu/financial-support/travel-fund>.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

--

San Diego State University Mechanical Engineering

Location: San Diego, California

Graduate-Level STEM Disciplines

Master of Science in Mechanical Engineering with specializations in Materials and Mechanics, Dynamics and Controls, Energy and Thermofluids, and Design and Manufacturing.

Application/Selection Deadlines

Feb. 1st for Fall entrance

Sept. 30th for Spring entrance

Scholarship/Fellowship Availability

Approximately 1/3 of our students work as Graders, Teaching Assistants, or Research Assistants. The number of tuition waivers is very small, but other scholarships are available. The biggest source of support comes from local companies that employ our students and pay for their fees, books, etc. San Diego has a strong industry base in aerospace, energy, chip making, and medical devices to name a few.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Graduate classes are small so you get much more attention from the professors. SDSU focuses primarily on master's thesis students, so if that is your aspiration you will not be an afterthought like in a large school that concentrates on graduating Ph.Ds. We do have some Ph.D. candidates in joint program with UCSD so you can take classes at both schools and do your research at SDSU.

[Return to List of Schools](#)

San Diego's location is unique, sitting on the border with Mexico and the Pacific Ocean. This gives it a very diverse population and workforce, one that is accepting of all people.

In terms of industry, San Diego is the birthplace of naval aviation, and many of our graduates work for the Navy or for companies that support the military. Two major companies that lead the world in large drone design and production are located here. We have a major nuclear fusion facility, and the leading companies in efficient microchip design and microchip fabrication lasers. San Diego also has many medical device companies, energy companies, and others. In short, employment opportunities abound in San Diego.

Finally, San Diego has exceptional weather and offers excellent recreation opportunities throughout the year.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We are looking for students who want to earn a master's degree and conduct independent research. Most students write a thesis, which is a shortened form of a Ph.D. dissertation, and publish a paper on their work. We also look for students from local industry who want to attend classes after work and do a project, rather than a thesis. Because classes are small, we seek students who are engaged and ready to discuss concepts, not only take notes. Our faculty come from many countries, and we seek to maintain a diverse student body.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No. The GRE is not required but can be used to increase your chances of admission if your GPA is on the low side.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

The networking opportunities are substantial, since many of our graduate students work full-time at local companies and come back to school for their graduate degrees.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes, we strongly urge our students to publish their work and faculty will work with you on that.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

The university offers money through a Graduate Travel Stipend that students can apply for.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Most of our students work for local companies in the areas mentioned earlier. Some go on to teach at universities.

--

South Dakota School of Mines and Technology

Location: Rapid City, South Dakota

Graduate-Level STEM Disciplines

- Atmospheric and Environmental Sciences
- Biomedical Engineering
- Chemical & Biological Engineering
- Civil and Environmental Engineering
- Computer Science and Engineering
- Construction Engineering and Management
- Data Science & Engineering
- Electrical Engineering
- Engineering Management
- Geology and Geological Engineering
- Green and Sustainable Chemistry
- Industrial Engineering
- Materials Engineering and Science
- Mechanical Engineering
- Mining Engineering and Management
- Nanoscience and Nanoengineering
- Paleontology

- Physics

Application/Selection Deadlines

Students should apply by February 1 to be considered for the fall semester. Decisions are typically made within 1 month of the deadline.

Scholarship/Fellowship Availability

Approximately 50% of all graduate students receive assistantships. All students admitted to campus programs are considered for funding. For an out of state Master's student, the value of a 20-hour per week assistantship with tuition reduction is approximately \$25,000 for the academic year. Ph.D. stipends are typically higher. Additional summer support may also be available.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

South Dakota Mines is South Dakota's premier science and engineering university. Our institution regularly ranks in the top tier for return on investment and quality of education. We focus on providing a personalized hands-on STEM experience. Offering one of the largest career fairs in the region, our graduates are highly sought after by recruiters. In academic year 2019-2020 (the latest available data), 97% of graduates are working or studying in their intended field. Our students go on to work in multi-million dollar organizations such as Cargill, Caterpillar, Dow Chemical, Nucor Steel, Raven Industries, POET, and many others.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

A GPA of 3.0 on the 4.0 scale is generally required for admission, in addition to grades of B or higher for courses within the major. GRE scores in the 50th percentile or higher are recommended in most programs. A strong research interest that matches with a campus faculty member is important. Strong recommendations and related work and/or research experience will also be considered.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

Yes. GRE requirements vary by program.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

No

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is available. Costs paid by the student may be reimbursed through an assistantship stipend.

Does your graduate school/program or organization cover student fees?

Yes. Graduate Assistants are eligible for a tuition reduction that covers 100% of tuition and program fees for campus courses. The general activity fee and other applicable miscellaneous fees are assessed at the regular rate.

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

South Dakota Mines offers one of the largest career fairs in the region, with over 150 national and global companies attending annually. Our placement rate is 97% in the major within 6 months of graduation. Internship opportunities (which often lead to job offers) are available as well as assistance with CV writing, resume building, and interview practice.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. The majority of graduate students completing research at South Dakota Mines publish in peer-reviewed journals as part of the thesis/dissertation process.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Students working on research funded by grants may be eligible for reimbursement of travel costs to conferences.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

97% of graduates from South Dakota Mines are employed in their field within 6 months of graduation.

--

South Dakota School of Mines and Technology Materials Engineering and Science

Location: Rapid City, South Dakota

Graduate-Level STEM Disciplines

- Materials Science and Engineering
- Metallurgical Engineering

Application/Selection Deadlines

Students should apply by February 1 to be considered for the fall semester. Decisions are typically made within 1 month of the deadline.

Scholarship/Fellowship Availability

Approximately 50% of all graduate students receive assistantships. All students admitted to campus programs are considered for funding. For an out of state Master's student, the value of a 20-hour per week assistantship with tuition reduction is approximately \$25,000 for the academic year. Ph.D. stipends are typically higher. Additional summer support may also be available.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

South Dakota Mines is South Dakota's premier science and engineering university. Our Graduate programs (M.S and PhD) in Materials Engineering and Science offer students an opportunity to expand their knowledge and understanding of structure property relations of materials, materials synthesis, and applications. Our faculty work on broad research areas related to materials science and few example research areas are listed below.

- 2D Materials and Thin Films
- Laser Cladding and Additive Manufacturing
- Cold Spray Processing
- Direct Write Technologies
- Fiber Reinforced Composites
- Friction Stir Welding and Processing
- Corrosion Science and Engineering
- High Entropy and Multiphase Materials
- Powder Metallurgy
- Surface Engineering
- Strengthening Mechanisms
- Hydrometallurgical Extraction
- Magnetic Nanocomposites

[Return to List of Schools](#)

- Nanoscale Electronic Materials
- Polymer Matrix Composites
- Polymer Synthesis
- Security Printing
- Semiconductor Materials and Devices
- Surface Chemistry of Flotation
- Thermophysical Properties

Our institution regularly ranks in the top tier for return on investment and quality of education. We focus on providing a personalized hands-on STEM experience. Offering one of the largest career fairs in the region, our graduates are highly sought after by recruiters.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

A GPA of 3.0 on the 4.0 scale is generally required for admission, in addition to grades of B or higher for courses within the major. GRE scores in the 50th percentile or higher are recommended for MES programs. A strong research interest that matches with a campus faculty member is important. Strong recommendations and related work and/or research experience will also be considered.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

Yes

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

No

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is available. Costs paid by the student may be reimbursed through an assistantship stipend.

Does your graduate school/program or organization cover student fees?

Graduate Assistants are eligible for a tuition reduction that covers 100% of tuition and program fees for campus courses. The general activity fee and other applicable miscellaneous fees are assessed at the regular rate.

[Return to List of Schools](#)

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

South Dakota Mines offers one of the largest career fairs in the region, with over 150 national and global companies attending annually. Our placement rate is 97% in the major within 6 months of graduation. Internship opportunities (which often lead to job offers) are available as well as assistance with CV writing, resume building, and interview practice.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. The majority of graduate students completing research at South Dakota Mines publish in peer-reviewed journals as part of the thesis/dissertation process.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Students working on research funded by grants may be eligible for reimbursement of travel costs to conferences.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

97% of graduates from South Dakota Mines are employed in their field within 6 months of graduation.

--

South Dakota School of Mines and Technology Physics Graduate Program

Location: Rapid City, South Dakota

Graduate-Level STEM Disciplines

- Experimental Particle and Astroparticle Physics
- Particle/Neutrino Astronomy
- Nuclear Astrophysics
- Condensed Matter and Material Science

Application/Selection Deadlines

FALL (AUGUST): February 15

SPRING (JANUARY): August 15

Scholarship/Fellowship Availability

45% on GTA, 45% on GRA, 10% on an institution- or department-provided fellowship/scholarship including tuition waivers.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Active research in frontiers, close to the Sanford Underground Research Facility (SURF) in Lead, SD, a lot of experience in dark matter search, neutrino physics, cosmic rays and neutron astronomy in collaboration with prominent experimental projects.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Strong interest in Physics, experience in programming and/or lab work, sufficient previous study record, and dedication.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Yes

Does your graduate school/program or organization cover student fees?

No

--

Temple University Physics Department Graduate Program

Location: Philadelphia, Pennsylvania

Graduate-Level STEM Disciplines

Physics

Application/Selection Deadlines

Application deadline is on January 15th. Selection is done typically by late March.

Scholarship/Fellowship Availability

The average breakdown of the graduate student support is as follows: 18 out of 59 on a TA, 37 out of 59 on an RA, and 4 out of 59 on a fellowship.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Our department is large enough to support experimental, theoretical, and computational graduate research in several areas, but small enough so that students and faculty form a close-knit group. The Physics Department was recently relocated to a new \$150-million facility, the Science Education and Research Center (SERC) building. The SERC, home of the Physics Department, is one of the largest buildings devoted exclusively to scientific research in the Philadelphia region. The seven-story structure includes research and teaching labs, open spaces to foster collaboration, and high-tech equipment such as clean rooms and a low-vibration scanning tunneling microscope facility.

The primary research areas in the department involve condensed matter physics, nuclear and particle physics, and atomic, molecular and optical physics.

We are fortunate to be located in Philadelphia, a large and vibrant city with a fascinating history.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Students with a strong foundation in physics, self-driven and dedicated in research.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

Yes

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

[Return to List of Schools](#)

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Yes, health insurance is available to the graduate students through the institution.

Does your graduate school/program or organization cover student fees?

Yes

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

The graduates of our program typically pursue a career in academia, at Universities or National Labs, as well as in the industry.

--

Tennessee Tech University College of Engineering and Computer Science

Location: Cookeville, Tennessee

Graduate-Level STEM Disciplines

- Chemical Engineering
- Civil & Environmental
- Computer Science
- Electrical & Computer Engineering
- Engineering Management (Online only)
- Mechanical Engineering

Application/Selection Deadlines

(Rolling Admissions)

Spring 2024 - Application Deadline: November 1, 2023

Fall 2024 - Application Deadline: July 1, 2024

Scholarship/Fellowship Availability

Each department provides both GRA and GTA support. Most of our Ph.D. students are on support, and many of our Master's students have at least partial support.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

As the state of Tennessee's only technological university, Tennessee Tech develops innovative engineers and scholars who solve technological challenges to meet the needs of society. We are deeply committed to providing our graduate students with high-level research and professional development. Whether you are choosing to work in academia and need research and teaching opportunities or are pursuing graduate school to take your career to new levels, you will be working closely with supportive, entrepreneurial faculty to solve the problems of tomorrow. The College of Engineering's graduate programs began five decades ago, and today are offered across five departments—including our college-wide Ph.D. program. Administered jointly with the College of Graduate Studies, our grad programs are large enough to offer academic diversity and interdisciplinary challenge, yet small enough to ensure personal attention and rigorous instruction.

Will an application fee waiver be offered to attendees who visit this booth?

No

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No. It depends on the program, but most of our graduate programs waive the GRE if the undergraduate degree is earned from a U.S.-based institution.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

N/A

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Currently, health insurance is not provided.

Does your graduate school/program or organization cover student fees?

No

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

The College and individual departments provide student travel support for conferences.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Of those who have graduated from our programs, ~20% go into academia, and ~80% go into industry.

--

University at Albany - The Graduate School

Location: Albany, New York

Graduate-Level STEM Disciplines

- Applied Atmospheric Science
- Applied Chemistry
- Atmospheric Science
- Behavioral Neuroscience
- Biodiversity, Conservation, and Policy
- Biology
- Biomedical Sciences
- Biostatistics
- Business Analytics
- Chemistry
- Cognitive Psychology
- Computational Physics
- Computer Science
- Curriculum Development and Instructional Technology
- Data Science
- Digital Forensics and Cybersecurity
- Economic Forecasting
- Economics
- Electrical and Computer Engineering
- Environmental and Sustainable Engineering

[Return to List of Schools](#)

- Environmental Health Sciences
- Epidemiology
- Forensic Science Investigation and Management
- Geographic Information Science
- Industrial and Organizational Psychology
- Information Science
- Information Security
- Machine Learning
- Mathematics
- Physics
- Professional Science Management - Biodiversity, Conservation and Policy
- Professional Science Management - Forensic Science Investigation and Management
- Social and Personality Psychology
- Topological Data Analysis

Application/Selection Deadlines

Application deadlines vary between programs. We encourage students to visit our website at:

<https://www.albany.edu/graduate/graduate-programs>

Scholarship/Fellowship Availability

Applicants are eligible for merit funding consideration through the Graduate School when they apply. Funding varies between individual academic programs. This information can be found either through the individual academic department sites or through our funding page:

<https://www.albany.edu/graduate/graduate-programs> OR <https://www.albany.edu/graduate/funding-graduate-studies>

What distinguishes your graduate school/program or the opportunities available through your organization from others?

To learn more, please complete our inquiry form:

<https://admissions.albany.edu/register/DOESummer2023VirtualFair>

The University at Albany, State University of New York (SUNY), is the premier public research university in New York's Capital Region, offering 150+ graduate programs with many ranked in the top 50 nationally by U.S. News & World Report. UAlbany offers an affordable education in one of the best places to live and best cities for recent college grads!

Dedicated to diversifying graduate education, UAlbany offers application fee waivers to TRIO and GEM participants. Additionally, UAlbany offers the Carson Carr Graduate Diversity Fellowship Program (open to U.S. Citizens & Permanent Residents).

At the graduate level, we offer over 150 graduate programs in nine schools and colleges:

[Return to List of Schools](#)

- College of Arts and Sciences
- School of Business
- School of Criminal Justice
- School of Education
- College of Emergency Preparedness, Homeland Security & Cybersecurity
- College of Engineering and Applied Sciences
- Rockefeller College of Public Affairs & Policy
- School of Public Health
- School of Social Welfare

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Most of our programs look for a 3.0 GPA or higher to apply. We welcome previous research experience, but it is not a requirement to apply. We review applications holistically and each academic program has unique requirements. Overall, we seek students that are enthusiastic about learning and growing both academically and professionally.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No. This requirement varies by program. Some programs require the GRE while others do not.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Yes - students have the option to opt into health insurance coverage.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

[Return to List of Schools](#)

Students often have the ability to attend research conferences or professional development opportunities through the individual academic programs and departments.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Students can often receive support or learn about opportunities through our Graduate Student Association at University at Albany.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

We offer career support through our Career and Professional Development Office as well as through individual academic departments and their advisors.

--

University of California-Davis Chemical Engineering

Location: Davis, California

Graduate-Level STEM Disciplines

Chemical Engineering

Application/Selection Deadlines

January 15, 2024

What distinguishes your graduate school/program or the opportunities available through your organization from others?

4-year guaranteed funding for PhD program

Research and Teaching assistantships are union contract positions

Young diverse faculty

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Research experience and interest

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is covered by the 4-year funding guarantee.

Does your graduate school/program or organization cover student fees?

Yes

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Extensive soft skills courses covered by Grad Pathways program at UC Davis

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Usually professors pay for 1-2 conferences.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

--

University of California-Davis Materials Science and Engineering

Location: Davis, California

Graduate-Level STEM Disciplines

Materials Science and Engineering

Application/Selection Deadlines

Priority Review: January 15, 2024

Space Available: June 1, 2024

Scholarship/Fellowship Availability

PhD students are fully funded via employment as a Teaching Assistant or Graduate Student Researcher.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Small class sizes, unique mentoring matching, high funding, great location

Will an application fee waiver be offered to attendees who visit this booth?

No

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Yes, it is part of the fees.

Does your graduate school/program or organization cover student fees?

Yes, for PhD only.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

--

University of Colorado Boulder

Location: Boulder, Colorado

Graduate-Level STEM Disciplines

- Aerospace Engineering Sciences
- Applied Mathematics
- Astrophysical & Planetary Sciences
- Atmospheric & Oceanic Sciences
- Biochemistry
- Biomedical Engineering
- Business Analytics
- Chemical and Biological Engineering
- Chemistry
- Creative Technology & Design
- Civil, Environmental & Architectural Engineering
- Computational Linguistics
- Computer Science
- Data Science
- Ecology & Evolutionary Biology
- Electrical, Computer & Energy Engineering
- Engineering Management
- Geological Sciences
- Information Science
- Integrative Physiology
- Materials Science & Engineering
- Mathematics
- Mechanical Engineering
- Molecular, Cellular & Developmental Biology
- Network Engineering
- Physics
- Psychology & Neuroscience

Application/Selection Deadlines

[Return to List of Schools](#)

Application deadlines depend on the specific department and degree of interest.

Spring deadlines (for those programs that offer Spring admissions/intake) fall between September 1 - November 1.

Fall and Summer deadlines range from November 15 - April 15. PhD and research-focused masters programs typically have deadlines in December and January.

Full deadlines can be found on this webpage:

<https://www.colorado.edu/graduateschool/admissions/prepare-apply/program-information-deadlines>.

Scholarship/Fellowship Availability

Approximately 60% of graduate students at the University of Colorado Boulder have received an assistantship or fellowship that includes tuition waivers, stipends, and health insurance coverage. This includes 95% or more of PhD students.

--

University of Delaware

Location: Newark, Delaware

Graduate-Level STEM Disciplines

The University of Delaware offers a range of STEM graduate programs, including 26 in biological and health sciences, and 42 in math, physical sciences, and engineering (some programs fall under both categories). A full list of programs is available at <https://www.udel.edu/academics/colleges/grad/prospective-students/programs>. UD has the top-ranked physical therapy program and a chemical engineering program ranked in the top 10 (additional program/discipline rankings at <https://www.udel.edu/udaily/2021/march/us-news-graduate-program-rankings/>).

Application/Selection Deadlines

Application deadlines and selection timelines vary by program. By searching for a specific program at <https://www.udel.edu/academics/colleges/grad/prospective-students/programs>, a prospective student can see the application deadline(s) and contact people for additional information about their program(s) of interest. The UD Graduate Admissions team (gradadmissions@udel.edu) is also a valuable resource for general application questions.

Scholarship/Fellowship Availability

While each graduate program has its own mix of funding opportunities, overall for STEM doctoral students UD provides teaching assistantships to 24%, research assistantships to 52%, and fellowships to 9%. On the master's level, these rates are 11%, 17%, and 2%, respectively.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

UD offers a number of institutes and centers with unique capabilities (see <https://research.udel.edu/core-facilities/#institutes>). Further, interdisciplinary research efforts are encouraged in various ways to accelerate innovation. In recent years, UD was awarded a Materials Research Science and Engineering Center (MRSEC) through the NSF (Center for Hybrid, Active, and Responsive Materials) and an Energy Frontier Research Center (EFRC) through the US Department of Energy (Center for Plastics Innovations). UD is additionally home to the National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL), the Disaster Research Center, the Data Science Institute, the Delaware Energy Institute, and the Delaware Environmental Institute (DENIN). Many of these efforts are in partnership with the Delaware State University (HBCU) and all enable graduate students to engage with top researchers from across the diverse range of disciplines on UD's campus.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

Every program handles admissions differently and there is no one set of characteristics that all are looking for in prospective graduate students. In general, all are looking for students who have experience with undergraduate research experiences, demonstrated creativity and independence in those activities, and experience with written and oral technical communication. Many programs additionally want to see initiative from prospective students to reach out to UD faculty members of interest to them as part of the application process to discuss their experiences and interests in order to gain a greater understanding of how that student would contribute to the research team. Students who have demonstrated the ability to overcome academic and research obstacles, and those who have demonstrated responsiveness to critical feedback are also attractive to many STEM programs. Finally, grades in courses and relevant experiences that demonstrate mastery of core content for the discipline and strong standardized test scores, if required by the program, are viewed favorably in admissions decisions.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No. GRE scores are not required centrally for all programs, but some programs do require them and that will be clearly indicated on the program's webpage for prospective students.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

UD offers a Student Health Insurance Plan, with information available at <https://sites.udel.edu/vpfinance/departments/risk-management/insurance-for-students>. Most students are responsible for identifying a way to cover their health insurance, although some funding opportunities do include health insurance in their benefits.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Centrally, UD has a Senior Assistant Dean of Graduate Professional Development who leads efforts that all graduate students and postdocs are invited to participate in (see <https://www.udel.edu/academics/colleges/grad/current-students/professional-development/professional-dev-initiatives/>) and the UD Career Center has initiatives targeting those populations (see <https://www.udel.edu/students/career-center/graduatestudents/>). Other units around campus (e.g., colleges, programs, centers, etc.) also plan discipline-specific professional development for their students.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. This varies from one program to another, but most research-based STEM programs value having their students present and publish their work.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

The Graduate College has a Graduate Student Travel Award (<https://www.udel.edu/academics/colleges/grad/research/graduate-student-travel-award/>) and other units (e.g., colleges, programs, centers, etc.) have similar opportunities for their students. Individual faculty sometimes have funding available to support their students to participate in research travel as well.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

[Return to List of Schools](#)

UD's STEM programs prepare their students well for a range of employment post-graduation. Many of our alumni go on to careers in academia (all levels and institution types), industry, and federal research. Additionally, professional development opportunities provided by academic programs and the Graduate College introduce graduate students to and help them prepare for less traditional careers such as STEM policy and STEM communication. In collaboration with UD's Joseph R. Biden, Jr. School of Public Policy & Administration, new STEM policy graduate programs have been developed recently to more formally prepare graduates for such careers.

--

University of Memphis Department of Chemistry

Location: Memphis, Tennessee

Graduate-Level STEM Disciplines

Chemistry

Application/Selection Deadlines

Application deadline: Feb. 1

Scholarship/Fellowship Availability

100% on fellowship (GTA or GRA)

What distinguishes your graduate school/program or the opportunities available through your organization from others?

The University of Memphis is a majority-minority Carnegie R1 institution that provides a world-class education in a small department. Our size allows us to build personal relationships and give students an opportunity to grow at a pace that may not be tenable at a "Top 10" institution. We excel at molding diamond-in-the-rough undergraduate students into leaders in their respective disciplines.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We are looking for students with research backgrounds who are willing to put in the time and effort to succeed in a small department. Successful students in our program are driven, self-motivated, and able to handle adversity. We also seek to build a cohort of students that is a cohesive, supportive, and willing to hold each other accountable. We are less concerned with one's undergraduate GPA - rather, we are willing to work with students who may have a few blemishes on their record but are willing to learn and work to overcome any perceived deficiencies.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is not currently offered, though this is likely to change in the next year or two.

Does your graduate school/program or organization cover student fees?

Yes

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Our students are routinely engaged in outreach initiatives with the greater Memphis community. Additionally, students in our program are often intimately involved in grant/fellowship writing with their advisors, gaining experience in this area that is vital to professional success.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. Students are expected to write and publish their work regularly.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

We offer full tuition/fee waiver and a 12-month living stipend. Memphis is a low-cost location to live!

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Successful Ph.D. graduates have moved directly into positions in academia at PUI universities (Brockport, Western Carolina, Union University, etc.), postdoctoral research positions (Ohio State, Nevada, Argonne National Laboratory, NCI), government labs (DOD, USEPA), and industry (Buckman

[Return to List of Schools](#)

Chemical, Foundation Instruments, etc.). The distribution varies from cohort to cohort, but our graduates are well placed to succeed in any professional environment.

--

University of Miami College of Engineering

Location: Coral Gables, Florida

Graduate-Level STEM Disciplines

Engineering

Application/Selection Deadlines

August 1 (Fall semester) and December 1 (Spring semester)

Scholarship/Fellowship Availability

Tuition waiver maximum of 30% of tuition costs.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

The College of Engineering is focused on educating the next generation of engineers to prepare societal leaders with strong scientific and technical skills combined with an ethical and moral outlook to impact academia, business, government and/or the non-profit sector. Through discovery of new knowledge and its application we tackle global challenge problems, and create opportunities through innovation and entrepreneurship. We do this with a deep commitment to excellence, demonstrated meritocracy, transparency, inclusiveness, and diversity.

The College of Engineering transforms lives by:

- Creating new knowledge
- Transmitting knowledge through innovative education for facilitating life-long learning
- Translating knowledge through innovation and entrepreneurship, and
- Applying knowledge to benefit the community

Will an application fee waiver be offered to attendees who visit this booth?

No

--

University of Tennessee Health Science Center

Location: Memphis, Tennessee

Graduate-Level STEM Disciplines

- Ph.D. in Biomedical Sciences
- Ph.D. in Pharmaceutical Sciences
- Post-Baccalaureate M.S. degree in Pharmacology

Application/Selection Deadlines

Application deadline for Biomedical Sciences is as follows: Priority deadline: December 1; Final deadline: March 1.

Application Deadline for Pharmaceutical Sciences is March 15.

Post-Baccalaureate M.S. degree in Pharmacology: Students are accepted into the program on a rolling admission basis ending June 1.

Scholarship/Fellowship Availability

The Ph.D. programs offer 100% GRA plus tuition waiver and health insurance.

The Post-Baccalaureate M.S. program does not offer any financial support.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Dedicated mentors that work closely with students; vibrant research environment; and excellent campus life dedicated to ensuring student success. This results in on-time graduation (~ 5.2 years compared to a national average of 5.7 years for Biomedical doctorates) and job placement following graduation.

Will an application fee waiver be offered to attendees who visit this booth?

The opportunities at this booth do not have any application fees.

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We look for students that have been involved in some form of research while pursuing their baccalaureate or post-baccalaureate degree. This could be during the academic year or in a summer research internship program.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

Our Biomedical Sciences program does not require the GRE but encourages applicants to take the test.

Our Pharmaceutical Sciences program requires the GRE.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is covered through the institution.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Several professional development programs are offered and/or encouraged by the college. For example, the college (a) has a "Career Insights" program designed for students to engage with alumni and/or scientific professionals from various industries; (b) encourages students participate in 3-6 months externship programs; (c) provides some financial support to help students present their research at professional meetings; (d) provides grantsmanship training and financially incentivizes students to seek extramural fellowship awards.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes. Most of our graduates publish two or more peer-reviewed articles in scientific journals prior to graduation.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

The college provides some financial support to help students attend scientific conferences.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Most of our Biomedical Sciences graduates pursue postdoctoral studies while several of the Pharmaceutical Sciences graduates get employment in industry.

--

University of Tennessee-Oak Ridge Innovation Institute

Location: Knoxville, Tennessee

Graduate-Level STEM Disciplines

All STEM disciplines. Topical areas of the Bredesen Center programs have been chosen to resonate with Department of Energy priorities and industry needs, integrating graduate coursework from multiple disciplines, while providing deep expertise in a chosen specialty.

Application/Selection Deadlines

January 15th is our deadline to submit a completed application and all other required materials.

Scholarship/Fellowship Availability

All admitted students are fully funded through Graduate Assistantships. This includes: tuition and fee waivers, health insurance, and stipend.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Our partnership with ORNL provides graduate researchers unique resources and advanced opportunities to collaborate on a variety of global energy and computational challenges involving science, engineering, health care, and national security.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We are seeking leaders who are interested in project areas that include (but are not limited to): Quantum Information & Autonomous Systems, Materials & Manufacturing, Predictive Biology, and Energy Storage.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

GRE scores are required for our ESE and DSE programs, but we have a waiver process in place to address extensive work/research history or hardship.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

No

[Return to List of Schools](#)

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Our programs are fully funded, which includes health insurance.

Does your graduate school/program or organization cover student fees?

Yes

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Students are mentored by some of the top scientists in their fields, conduct their own ground-breaking research, and engage in outreach activities that allow them to explore the many ways their expertise can be used in policymaking and entrepreneurship.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Our Graduate Student Senate has travel scholarships available.

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Our alumni distribution is around ⅓ post-doc, ⅓ industry, ⅓ outreach.

--

University of Wisconsin-Madison Department of Nuclear Engineering and Engineering Physics

Location: Madison, Wisconsin

Graduate-Level STEM Disciplines

Fusion Science & Technology, Neutron Transport, Nuclear Materials, Nuclear Safety, Nuclear Systems Engineering, Plasma Physics, and Thermal Hydraulics

Application/Selection Deadlines

For admission to fall semesters, the application is December 15 of the preceding year.

Scholarship/Fellowship Availability

For our PhD students, approximately 80% have RA appointments, 2% have TA appointments, 5% have institutional fellowships, and 5% have national fellowships.

For our MS students, approximately 50% have RA appointments, 10% have TA appointments, and 10% have fellowships.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

The Nuclear Engineering and Engineering Physics PhD and MS graduate programs offer research on state-of-the-art facilities that are on campus and through national and international collaborations. PhD students are guaranteed 5 years of funding and are most often funded through degree completion, regardless of the required time to degree. Our policy on faculty mentoring of graduate students requires regular individual meetings.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We take a holistic approach to evaluating applications. We consider each student's research and/or internship experiences, as described in their written statements, previous academic performance, and recommendations.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

The University of Wisconsin-Madison offers an excellent insurance plan for students, including physical and mental health and an option for dental coverage. See the information at <https://grad.wisc.edu/documents/insurance-and-medical-benefits/>.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

The UW-Madison Graduate School offers many professional development opportunities, which are described at <https://grad.wisc.edu/professional-development>. Our faculty members support student professional development by having students attend conferences. Professional networking is developed through research collaborations with scientists and engineers at laboratories and in industry.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Although publication is not a formal requirement, PhD students are expected to publish at least one article on their research. Faculty members provide guidance for preparing articles and for navigating the peer review process.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Faculty members encourage graduate students to attend conferences to present research results, to learn about related developments, and to allow professional networking. Funding for conference travel comes from research grants.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Most of our Nuclear Engineering and Engineering Physics PhD graduates work at national laboratories or in academia, whereas MS-only graduates most often work in the nuclear energy industry or other private-sector.

--

University of Wisconsin-Madison Department of Physics

Location: Madison, Wisconsin

Graduate-Level STEM Disciplines

Physics and Quantum Computing

Application/Selection Deadlines

Physics PhD: December 15, 2023

MS in Physics-Quantum Computing: March 15, 2024

(Fall 2024 Admissions)

Scholarship/Fellowship Availability

PhD Program: All admitted PhD students are provided with a guarantee of five years of financial support. Typically, a graduate student is first appointed as a teaching assistant. Later, as a research assistant, the student works with a major professor on a mutually agreed research project. Tuition is remitted for teaching assistant and research assistant appointments one-third time or greater. Most graduate assistant appointments are also eligible for a comprehensive health insurance package. All students are responsible for their own segregated fees, which are about \$600 per semester for full-time students, and any additional university fees.

MSPQC: MSPQC students may apply for assistantships, but are not eligible for tuition remission. This is a one-year professional master's program.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

PhD Program: All admitted PhD students are guaranteed five years of financial support. Our department has a strong tradition of graduate study and the research that is essential to the PhD Degree. There are many facilities for doing world-class research, and the PhD research program involves leading-edge activities in Madison and at research facilities around the world. Over 175 current graduate students conduct research in one of the Department of Physics faculty groups or with an affiliated faculty group in departments such as Electrical and Computer Engineering or Astronomy.

MSPQC Program: This new program offers specialized training in quantum computing and is the first program in the US to do this (now there are just a handful of programs like this in the U.S. for quantum computing). It is an intensive program that can be completed in one calendar year but flexible academic plans are also available. It offers a unique blend of classroom instruction, hands-on laboratory skill development, and research involvement alongside faculty.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

The PhD and MQPC programs look for students who articulate their relevant experiences and future research interests and goals. Strong applicants will clearly communicate their motivations for pursuing a PhD in Physics or MSPQC, and how their research interests and experiences align with the strengths of the UW-Madison Department of Physics.

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Students who have a TA or RA position of 33% or greater are eligible for health insurance. A student health insurance plan is also available for students. Fees for health insurance are not covered in departmental funding for graduate students.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

Students are encouraged to attend Graduate School-sponsored Professional Development events and participate in Graduate School Professional Development resources, such as the Individual Development Plan (IDP).

In addition, Ph.D. students in Physics have multiple opportunities for professional development throughout their graduate careers. As an integral part of the research experience, students regularly work at places such as CERN, national laboratories (Argonne, FermiLab), and the IceCube Neutrino observatory at the South Pole to name a few.

Students are encouraged to travel to relevant conferences across the U.S. and around the world. Students regularly attend the annual American Physical Society (APS) March Meeting and are encouraged to attend APS meetings in their sub-field throughout the year. Often students attend summer schools at various host institutions to expand their knowledge and to interact with fellow scientists in the field.

MSPQC students specifically are encouraged to attend Graduate School sponsored Professional Development events and participate in Graduate School Professional Development resources, such as the Individual Development Plan (IDP). The MSPQC program is affiliated with the Wisconsin Quantum Institute (WQI), the home for quantum science and engineering at UW-Madison. Students also have access to professional development opportunities through UW–Madison’s membership in the Chicago

[Return to List of Schools](#)

Quantum Exchange, the National Science Foundation's Quantum Leap Challenge Institute, HQAN, and the Department of Energy's Q-NEXT Center.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Students may apply to funding available within the Department of Physics to travel to conferences.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

Yes

--

University of Wisconsin-Madison Energy Analysis and Policy Graduate Certificate

Location: Madison, Wisconsin

Graduate-Level STEM Disciplines

Atmospheric and Oceanic Sciences, Biological Systems Engineering, Chemical Engineering, Chemistry, Civil and Environmental Engineering, Data Science, Electrical Engineering, Geoscience, Industrial Engineering, Mechanical Engineering, Nuclear Engineering, Physics, Population Health Sciences, Public Health, Water Resources Management

Application/Selection Deadlines

Applications are accepted on a rolling basis. However, acceptance is contingent on enrolling in a graduate degree program at the University of Wisconsin-Madison (i.e. the certificate is not a standalone program).

Scholarship/Fellowship Availability

Scholarships of \$2,000 each are available to up to 15 students each year who enroll in the certificate program. This is separate from any scholarships or fellowships offered through the Graduate School or any major degree program.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

[Return to List of Schools](#)

Energy Analysis and Policy (EAP) is a diverse, interdisciplinary community of students and faculty advancing scholarship related to the global energy transition. As a graduate certificate program, EAP prepares students to be future leaders in energy systems and policy, complementing degree-program training and connecting scholars across campus. The program's interdisciplinary curriculum considers technical, economic, political, and social factors that shape energy policy formulation and decision-making. Interdisciplinary knowledge and collaboration, applied problem-solving, and career preparation are the major focus areas of the EAP curriculum and supporting activities. EAP's curriculum gives students the knowledge and skills needed to become leaders in industry, government, consulting, non-profits, and other roles in the energy field. Very often, professionals working in energy have been trained in a single specialization, whether technical, scientific, or social science. The EAP program thus offers a powerful option to add value to, but not replace, disciplinary graduate degrees by providing interdisciplinary breadth and greater understanding of the energy industry as a whole. Because of this, graduates are employed in a variety of sectors and roles while being able to work across traditional boundaries to understand and address complex energy issues. Beyond the curriculum, EAP offers other professional development opportunities, such as networking events and field trips.

Will an application fee waiver be offered to attendees who visit this booth?

The opportunities at this booth do not have any application fees.

--

University of Wisconsin-Madison Robert M. La Follette School of Public Affairs

Location: Madison, Wisconsin

Graduate-Level STEM Disciplines

All

Application/Selection Deadlines

- 9/6/2023: Application opens
- 1/1/2024: Priority deadline; all materials must be submitted to be considered for funding
- Admissions Deadlines and Requirements: <https://lafollette.wisc.edu/admissions/graduate-admissions-requirements>

Scholarship/Fellowship Availability

The Robert M. La Follette School of Public Affairs considers merit and need when making funding decisions. We offer:

- 2-year La Follette School Fellowships
- 1-year La Follette School Assistantships (may be project or teaching)
- Scholarships (that contribute toward tuition but don't cover it completely)

[Return to List of Schools](#)

La Follette School Funding: <https://lafollette.wisc.edu/admissions/funding-financial>

What distinguishes your graduate school/program or the opportunities available through your organization from others?

We are a small professional master's program (50 new admits per year) on a large 50,000-person Research 1 campus in beautiful Madison, the capital city of Wisconsin. We offer a domestic-focused Master of Public Affairs (MPA) and a Master of International Public Affairs (MIPA), as well as dual degrees in Law or Public Health, a combined PhD degree in Neuroscience, and a double degree with Urban Planning. Many La Follette School graduate students also pursue the 13-cr. graduate Certificate in Energy, Policy, and Analysis.

Our 2-year programs require 42 credits, 19 of which come from required courses and 23 of which come from electives. Electives permit students to gather skills to become a strong generalist or focus their coursework on specific policy areas (environmental, health, science, social, ed), or to add another graduate or professional degree or certificate. Students study with renowned La Follette School faculty, and they can also take courses from experts in other departments across campus.

Being a small program means students know each other well within their cohort. They bond through their quantitative and core courses and get to know faculty well too. Student services staff are committed to students having a positive experience. Our program focuses on professional development, networking, and providing regular opportunities to learn about internship and employment opportunities, to attend employer visits to the school, and site visits to state, federal, and international agencies. Active La Follette School alumni display the versatility of our degrees and have careers in government, non-profits, and the private sector. La Follette School graduates work as policy analysts, budget officers, non-profit managers, consultants, federal government contractors, and more.

La Follette School of Public Affairs: <https://lafollette.wisc.edu>

University of Wisconsin-Madison: <https://www.wisc.edu>

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

The faculty Admissions Committee looks for evidence of strong academic achievement, relevant experience, potential for success in our graduate programs, commitment to promoting diversity and inclusion, and capacity to do well in a public service career, through a holistic review of each student's application, transcripts, references, optional GRE scores, resume, quantitative worksheet, and statement of purpose.

[Return to List of Schools](#)

Applying to the La Follette School: <https://lafollette.wisc.edu/admissions/graduate-admissions-requirements>

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No, GRE scores are optional.

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Graduate students at UW-Madison pay segregated fees which include University Health Services. Those employed through an assistantship at the 33% level or higher are eligible for low-cost health insurance.

Does your graduate school/program or organization cover student fees?

No

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

The La Follette School is unique in having a devoted career development director to help with all aspects of students' professional growth. One example of a recent event she led was the La Follette in DC trip over winter break. The La Follette School pays for about 30 students' transportation to DC. and plans days during which students can meet alumni working in a variety of sectors. In January 2023, students visited the United States Agency for International Development, the Government Accountability Office, the US Dept. of Transportation Office of the Inspector General, and the Export-Import Bank of the United States.

Career Development at the La Follette School: <https://lafollette.wisc.edu/career-development>

Are there publication opportunities for students at your graduate school/program prior to graduation?

No

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Both the UW Graduate School and the La Follette School of Public Affairs offer funding opportunities for graduate students presenting at conferences.

[Return to List of Schools](#)

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

Graduate Job Placement: <https://lafollette.wisc.edu/career-development/graduate-career-statistics>

--

Vanderbilt University School of Engineering

Location: Nashville, Tennessee

Graduate-Level STEM Disciplines

Biomedical Engineering, Chemical Engineering, Civil Engineering, Environmental Engineering, Computer Science, Electrical and Computer Engineering, Interdisciplinary Materials Science, Mechanical Engineering, Cyber-Physical Systems Risk, Reliability and Resilience, Engineering Management (online), Engineering in Surgery and Intervention

Application/Selection Deadlines

Generally the deadlines are on January 1 or January 15. We update this information before the start of the fall semester.

Scholarship/Fellowship Availability

We offer fully funded PhD programs, fellowships for our Master's programs, and stipends for our undergraduate summer research programs.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Vanderbilt University, located in Nashville, Tennessee, is one of the most highly respected, engaging universities and research institutions in the world. The School of Engineering's graduate programs emphasize innovative, rigorous multidisciplinary study and in-depth instruction with strong partnerships internally, nationally and globally. Engineering faculty and students share their expertise across multiple disciplines to address specific research initiatives that characterize the School's commitment to help solve real-world challenges with worldwide impact. We are directly addressing these initiatives with Vanderbilt colleagues and those from around the world, focusing on supplying reliable energy, managing natural resources, providing effective security, improving health care and creating new and better forms of entertainment. You can expect to enjoy the richness of collaboration and long-term relationships as part of a world-class research institution, but with the intimacy and faculty contact of a private university.

[Return to List of Schools](#)

Will an application fee waiver be offered to attendees who visit this booth?

No

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

--

Virginia Tech Graduate School

Location: Blacksburg, Virginia

Graduate-Level STEM Disciplines

To view all of our programs, please visit: <https://graduateschool.vt.edu/academics/programs.html>.

Application/Selection Deadlines

Varies by program. You may find general dates and deadlines here:
<https://graduateschool.vt.edu/admissions/how-to-apply/deadlines.html>.

Scholarship/Fellowship Availability

Approximately 86% of all graduate students receive funding towards their degree. To view the types of funding, please visit: <https://graduateschool.vt.edu/funding/types-of-funding/assistantships.html>.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Transformative Graduate Education (TGE) is a university-wide initiative developed by former Vice President and Dean for Graduate Education Karen P. DePauw and facilitated by the Graduate School. Through the implementation of unique programs and opportunities, TGE pushes the boundaries of traditional disciplinary academic education and provides the philosophical underpinnings for a truly innovative graduate education experience. TGE aims to significantly change how graduate students prepare to become the next generation of scientists, educators, scholars, engineers, artists, and career professionals in an ever-evolving global context.

Will an application fee waiver be offered to attendees who visit this booth?

No

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

- Eagerness/motivation

[Return to List of Schools](#)

- Desire to learn
- Idea of research/area of focus (general)

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Health insurance is covered through many assistantship contracts or may be purchased for a discounted rate to students not receiving funding.

Does your graduate school/program or organization cover student fees?

Yes. Many student fees are covered through assistantship and fellowship contracts.

Please highlight any unique professional development opportunities offered by your institution or professional society/organization.

View a full list of professional development opportunities here: <https://graduateschool.vt.edu/student-services/professional-development.html>.

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes, through the department or programs.

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

View our travel grant program here: <https://gpss.vt.edu/programs/tfp.html>.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

No

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

[Return to List of Schools](#)

View our career plans from VTGS Alumni here:

https://graduateschool.vt.edu/numbers/exit_surveys/career_plans.html.

--

Yale University Physics Graduate Program

Location: New Haven, Connecticut

Graduate-Level STEM Disciplines

Physics

In addition to physics, Yale also has an Applied Physics and an Astronomy Graduate Program. We can provide some information on those programs in comparison to the Physics Graduate Program, and the flexibility for physics graduate students to work with PIs in other departments.

Application/Selection Deadlines

Applications for the graduate program are due by Dec. 15, 2023.

Scholarship/Fellowship Availability

Physics graduate students are funded through University Fellowship (UF) during their first and second academic year, which carries with it a teaching requirement. During the first and second summer in the program students are expected to join a research group which will provide summer research funding. During years 3 and beyond, students are funded through their research group. After the first 4 semesters of required teaching is completed, students can teach for extra compensation.

What distinguishes your graduate school/program or the opportunities available through your organization from others?

Students in our program are part of a vibrant and collaborative research community. Our diverse, interdisciplinary faculty lead cross-disciplinary research collaborations worldwide and across Yale University, including in a number of on-campus Yale Physics centers, programs and institutes.

The physics department and the university provide many opportunities for professional development across a wide range of fields and career paths. There are many programs for community outreach, many of which are lead and developed by graduate students.

The department actively cultivates an inclusive community that promotes well-being, safety, belonging, and quality of life for every member of our department community as we strive for excellence in research, teaching, and mentoring. We are led by our department's Statement of Principles and our graduate program Learning Objectives.

Will an application fee waiver be offered to attendees who visit this booth?

Yes

What are the main characteristics you're looking for when recruiting graduate students for your graduate school/program or to programs offered through your organization?

We look for students who are motivated and curious, and have a good sense of how their scientific interests would mesh with physics at Yale.

At the application stage, we appreciate strong recommendation letters from mentors who know you well and can detail your research accomplishments and promise. We also like to see that you've taken a good number of the traditional Physics classes: CM, QM, E&M, Stat. Mech

Are GRE scores required for admission to your graduate school/program or to apply to opportunities offered by your organization?

No

Does your graduate school/program offer visitation days for applicants to engage with prospective graduate departments?

Yes

Is health insurance available to graduate students through your institution or organization? Is the cost of health insurance covered by your graduate school/program or through opportunities offered by your organization?

Yes, health insurance is covered.

Does your graduate school/program or organization cover student fees?

Yes

Are there publication opportunities for students at your graduate school/program prior to graduation?

Yes

What support is available to graduate students through your graduate school/program or through the opportunities offered by your organization to travel to conferences?

Travel to conferences is typically supported by research advisors. In cases where students have yet to join a research group, or are otherwise unable to secure funding through and advisor, requests for funds can be made to both the graduate school and the department.

With support from the Dean's office, the department also has funds set aside for graduate students to attend conferences focused on diversity in STEM.

Does your graduate school or program have a graduate teaching assistant (GTA) requirement?

[Return to List of Schools](#)

Yes

What is the typical or historical employment distribution of alumni from your graduate school/program or from the opportunities offered by your organization?

- 52.8% Academic
- 33.3% Business/Industry
- 13.9% Government
- 0% non-profit